Commission action, on the day after the applicant or the applicant's attorney is notified of the Commission's action dismissing or denying the request for extension.

(c) Authorizations submitted by licensees for cancellation terminate when the Commission gives Public Notice of such action.

[63 FR 68934, Dec. 14, 1998, as amended at 64 FR 53240, Oct. 1, 1999]

EDITORIAL NOTE: At 64 FR 53240, Oct. 1, 1999, §1.955 was amended by revising the last sentence of paragraph (b)(2) to read ''*See* §1.946(c) of this part.'', effective Nov. 30, 1999. However, paragraph (b)(2) does not exist in the 1998 volume.

§ 1.956 Settlement conferences.

Parties are encouraged to use alternative dispute resolution procedures to settle disputes. *See* subpart E of this part. In any contested proceeding, the Commission, in its discretion, may direct the parties or their attorneys to appear before it for a conference.

(a) The purposes of such conferences are:

(1) To obtain admissions of fact or stipulations between the parties as to any or all of the matters in controversy;

(2) To consider the necessity for or desirability of amendments to the pleadings, or of additional pleadings or evidentiary submissions;

(3) To consider simplification or narrowing of the issues;

(4) To encourage settlement of the matters in controversy by agreement between the parties; and

(5) To consider other matters that may aid in the resolution of the contested proceeding.

(b) Conferences are scheduled by the Commission at a time and place it may designate, to be conducted in person or by telephone conference call.

(c) The failure of any party or attorney, following reasonable notice, to appear at a scheduled conference will be deemed a failure to prosecute, subjecting that party's application or petition to dismissal by the Commission.

[63 FR 68935, Dec. 14, 1998]

§ 1.957 Procedure with respect to amateur radio operator license.

Each candidate for an amateur radio license which requires the applicant to pass one or more examination elements must present the Volunteer Examiners (VEs) with a properly completed FCC Form 605 prior to the examination. Upon completion of the examination, the VEs will grade the test papers. If the applicant is successful, the VEs will forward the candidate's application to a Volunteer-Examiner Coordinator (VEC). The VEs will then issue a certificate for sucessful completion of an amateur radio operator examination. The VEC will forward the application to the Commission's Gettysburg, Pennsylvania, facility.

[63 FR 68935, Dec. 14, 1998]

§ 1.958 Distance computation.

The method given in this section must be used to compute the distance between any two locations, except that, for computation of distance involving stations in Canada and Mexico, methods for distance computation specified in the applicable international agreement, if any, must be used instead. The result of a distance calculation under parts 21 and 101 of this chapter must be rounded to the nearest tenth of a kilometer. The method set forth in this paragraph is considered to be sufficiently accurate for distances not exceeding 475 km (295 miles).

(a) Convert the latitudes and longitudes of each reference point from degree-minute-second format to degree-decimal format by dividing minutes by 60 and seconds by 3600, then adding the results to degrees.

$$\mathrm{LATX_{dd}} = \mathrm{DD} + \frac{\mathrm{MM}}{60} + \frac{\mathrm{SS}}{3600}$$

$$\mathrm{LONX_{dd}} = \mathrm{DDD} + \frac{\mathrm{MM}}{60} + \frac{\mathrm{SS}}{3600}$$

(b) Calculate the mean geodetic latitude between the two reference points by averaging the two latitudes:

$$\mathrm{ML} = \frac{\mathrm{LAT1_{dd}} + \mathrm{LAT2_{dd}}}{2}$$

(c) Calculate the number of kilometers per degree latitude difference for the mean geodetic latitude calculated in paragraph (b) of this section as follows:

$KPD_{lat} = 111.13209 - 0.56605 \cos 2ML + 0.00120 \cos 4ML$

(d) Calculate the number of kilometers per degree of longitude difference for the mean geodetic latitude calculated in paragraph (b) of this section as follows:

$KPD_{lon} = 111.41513 \cos 5ML - 0.09455 \cos 3ML + 0.00012 \cos 5ML$

(e) Calculate the North-South distance in kilometers as follows:

$NS = KPD_{lat} \times (LAT1_{dd} - LAT2_{dd})$

(f) Calculate the East-West distance in kilometers as follows:

$EW = KPD_{lon} \times (LON1_{dd} - LON2_{dd})$

(g) Calculate the distance between the locations by taking the square root of the sum of the squares of the East-West and North-South distances:

$$DIST = \sqrt{NS^2 + EW^2}$$

(h) Terms used in this section are defined as follows:

(1) $LAT1_{dd}$ and $LON1_{dd}$ are the coordinates of the first location in degree-decimal format.

(2) $LAT2_{dd}$ and $LON2_{dd}$ are the coordinates of the second location in degree-decimal format.

(3) ML is the mean geodetic latitude in degree-decimal format.

(4) KPD_{lat} is the number of kilometers per degree of latitude at a given mean geodetic latitude.

(5) KPD_{lon} is the number of kilometers per degree of longitude at a given mean geodetic latitude.

(6) NS is the North-South distance in kilometers.

(7) EW is the East-West distance in kilometers.

(8) DIST is the distance between the two locations, in kilometers.

[70 FR 19306, Apr. 13, 2005]

§ 1.959 Computation of average terrain elevation.

Except as otherwise specified in §90.309(a)(4) of this chapter, average terrain elevation must be calculated by computer using elevations from a 30 second point or better topographic data file. The file must be identified. If a 30 second point data file is used, the elevation data must be processed for intermediate points using interpolation techniques; otherwise, the nearest point may be used. In cases of dispute, average terrain elevation determinations can also be done manually, if the results differ significantly from the computer derived averages.

(a) Radial average terrain elevation is calculated as the average of the elevation along a straight line path from 3 to 16 kilometers (2 and 10 miles) extending radially from the antenna site. If a portion of the radial path extends over foreign territory or water, such portion must not be included in the computation of average elevation unless the radial path again passes over United States land between 16 and 134 kilometers (10 and 83 miles) away from the station. At least 50 evenly spaced data points for each radial should be used in the computation.

(b) Average terrain elevation is the average of the eight radial average terrain elevations (for the eight cardinal radials).

(c) For locations in Dade and Broward Counties, Florida, the method prescribed above may be used or average terrain elevation may be assumed to be 3 meters (10 feet).

[70 FR 19306, Apr. 13, 2005]

Reports To Be Filed With the Commission

§ 1.981 Reports, annual and semi-annual.

(a) Licensees of stations authorized for developmental operation shall submit a report on the results of the developmental program. The report shall be filed with and made a part of each application for renewal of authorization. The report shall be filed at the Commission's offices in Washington, DC or alternatively may be sent to the commission electronically via the ULS.

(b) The report shall include comprehensive and detailed information on the following:

(1) The final objective.

(2) Results of operation to date.

(3) Analysis of the results obtained.